FIG. 1

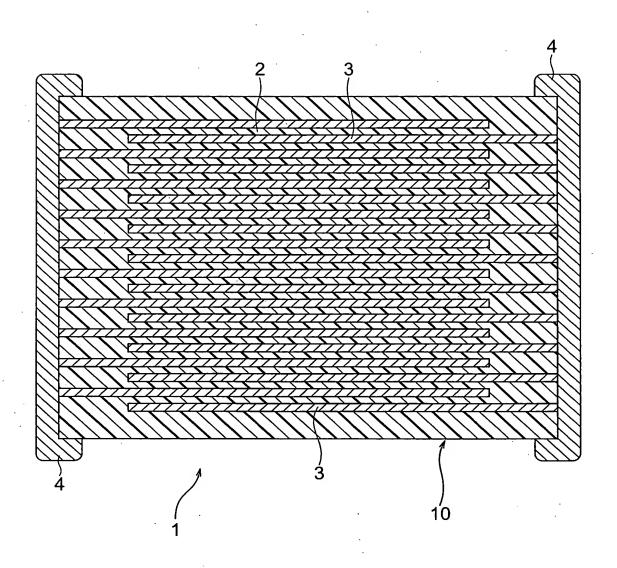
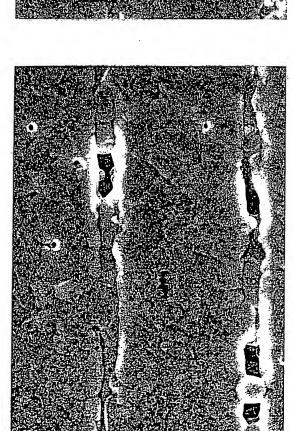


FIG. 2A

FIG. 2B

NO Hf ADDED

Hf: 0.05mol%



AVERAGE PARTICLE SIZE=1.5μm

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AVERAGE PARTICLE SIZE=3.2 μ m

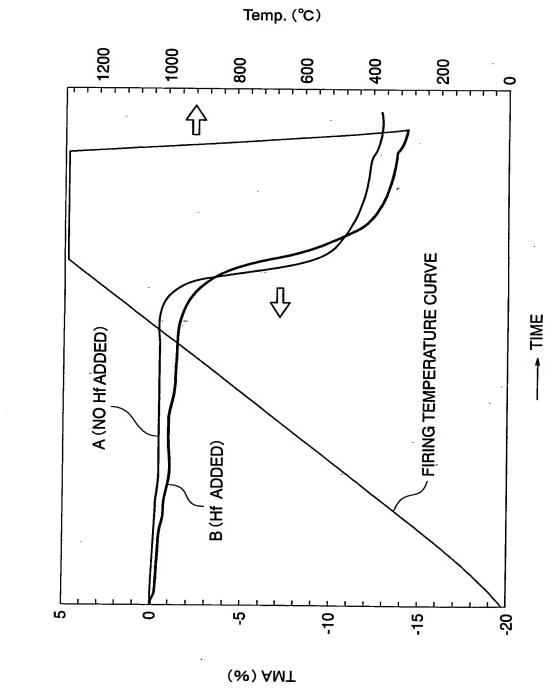


FIG. 3

200

150

9

Тетр. [°С] 0.0 0.5 2.0 tan 8 (%) at 20Hz 200 150 8.0 Little bearing mental 0.0 Temp. [°C] 20 0 O 1300°C △ 1260°C □ 1220°C -50 2.5 2.0 1.5 0. 0.5